SLV-E205EY/E205UY/E210AE/E210CP/E210EE/ E210UX/E210VP/E260AP/E260VP/E275UX

RMT-V148P/V166/V166A/V166J

AEP Model

SLV-E210AE/E210CP/E210VP/E260AP/E260VP

UK Model

SLV-E205EY/E205UY/E210UX/E275UX

East European Model

SLV-E210EE

Photo: SLV-E275UX

SPECIFICATIONS

System

Channel coverage
- SLV-E205EY/UY, E210UX, E275UX:
- PAL (I):
  - VHF A – J (EY model only)
  - UHF B21 – B69
  - CATV S01 – S03, S1 – S20 (EY model only)
  - HYPER BAND S21 – S41 (EY model only)
- SLV-E210AE/CP/VP, E260AP/VP:
- PAL (B, G, H)
  - VHF E2 – E12 (Including canal C) (VHF Italian channel A to H)
  - UHF E21 – E69
  - CATV S01 – S03, S1 – S20
  - HYPER BAND S21 – S41 (EXCEPT SLV-E210CP)

Intermeadiate frequency
- FI-Video 38.9 MHz
- FI-Audio 33.4 MHz

RF output signal
- UHF 32 – 41

Aerial out
- 75-ohm asymmetrical aerial socket

Inputs/outputs

EURO-AV
- 21-pin
- Video input: pin 20
- Audio input: pins 2 and 6
- Video output: pin 19
- Audio output: pins 1 and 3

Front Line In: SLV-E275UX
- VIDEO IN, Phono jack (1)
  - Input signal: 0.5 – 1.5 Vp-p 75 ohms, unbalanced, sync negative
- AUDIO IN, Phono jack (1)
  - Input level: – 8 dBs (0 dBs = 0.755 Vrms)
  - Input impedance: more than 47 kilohms

General

Power requirements
- 220 – 240 V AC, 50 Hz

Power consumption
- 20W

Operating temperature
- 5 ℃ to 40 ℃

Storage temperature
- – 20 ℃ to 60 ℃

Dimensions
- SLV-E260AP/VP, E275UX: Approx. 360 × 97 × 315 mm (w/h/d)
- SLV-E205EY/UY, E210AE/CP/UX/VP: Approx. 360 × 97 × 309 mm (w/h/d) including projecting parts and controls

Mass
- Approx. 4 kg

Supplied accessories

Remote commander (1)
R6 (size AA) batteries (2)
Aerial cable (1)
Mains lead (1)
RF screwdriver (1)

Design and specifications are subject to change without notice.

MICROFILM

SHOWVIEW VIDEOPlus+

VHS PAL VIDEO CASSETTE RECORDER

SONY®

- **Feature Difference**

FEATURE \ SLV-	E205EY/UY	E210AE/UX	E210CP/EE/VP	E260AP/VP	E275UX
REMOTE COMMANDER RMT-	V148P	V166A	V166	V166J	V148P

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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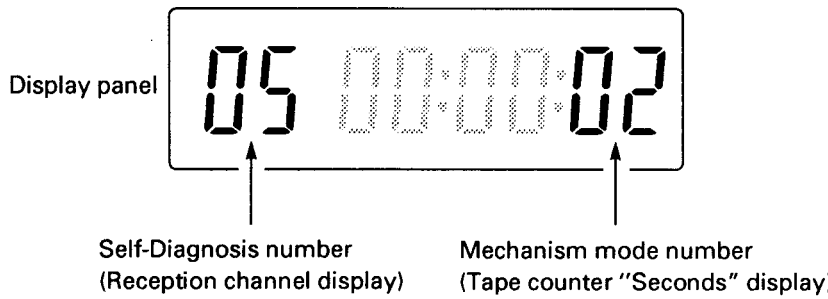
SELF-DIAGNOSIS DISPLAY

This unit displays the diagnosis contents of abnormalities and the mechanism mode on its display panel in 2-digit numbers. These display shows the outline of the problems. Use it as a reference when servicing the unit.

1. Self-Diagnosis Contents and Mechanism Mode Display

- When the STOP button on the remote control is pressed for about 10 seconds continuously, the self- diagnosis number will be displayed on the reception channel display of the display panel and number indicating the failed mechanism mode (changed mode when being shifted) on the tape counter "seconds" display for 10 seconds each.
- During self-diagnosis display, displays other than the diagnosis number/mechanism mode number will be turned off and when displays end, the normal display will be returned automatically.
- Refer to "Self-Diagnosis Contents" for the self-diagnosis numbers and the "Mechanism Mode Display Contents" for the mechanism mode numbers.
- When the "0" button on the remote control unit is pressed during display, and clearing the self-diagnosis display and mechanism mode display.



Self-Diagnosis Contents

No.	Problem	Main Possible Cause	Mechanism Operations and State After Occurrence
00	There is no abnormality in the mechanism.		
01	The cylinder motor does not rotate.	• The cylinder motor is faulty. • The control of the cylinder motor is faulty. • The tape winds around the cylinder.	Shifts to the STOP mode.
02	The take-up reel does not rotate.	• The take-up reel is caught. • The reel belt is faulty. • The take-up torque has decreased.	Shifts to the STOP mode.
03	The capstan motor does not rotate.	• The capstan motor is faulty. • The control of the capstan motor is faulty.	Shifts to the STOP mode.
04	The tape cannot be loaded with the cassette inserted. (But unloading can be performed.)	• Error in the operations of the tape loading mechanism. • Foreign particles in the tape load-ing mechanism. • The tape end sensor is faulty. • The reel brake of the tape cassette has not been released.	Unloads, shifts to the INITIAL mode, and the power goes off.
05	Tape loading and unloading cannot be performed with the cassette inserted.	• The tape guide is caught. • The loading motor is faulty. • The control of the loading motor is faulty.	The power is forcibly turned off with the mechanism at its current position.

No.	Problem	Main Possible Cause	Mechanism Operations and State After Occurrence
06	Front unloading cannot be performed when ejecting the cassette. (Front loading can be performed.)	• The cassette drive mechanism is faulty. • The front door is caught.	Front loads and shifts to the STOP or INITIAL mode. • When the power switch is turned on before eject operations: Shifts to the STOP mode. • When the power switch is turned off before eject operations: Shifts to the INITIAL mode and the power goes off.
07	Front loading and front unloading cannot be performed when ejecting the cassette.	• The tape cassette is caught in the cassette drive mechanism. • The main cam and front rack gear of the front loading mechanism have not engaged properly. • The gears of the front loading drive mechanism have not engaged properly.	The power is forcibly turned off with the mechanism at its current position.
08	The mechanism becomes 1 (REVIEW) while moving from 2 (IDLER), 3(STILL), 4 (BRAKE), and to 5 (STOP).	• The mechanism mode switch contact is faulty.	The power is forcibly turned off with the mechanism at its current position.
09	The mechanism becomes 7 (INITIAL) while moving from 1 (REVIEW), 2 (IDLER), 3(STILL), 4 (BRAKE), and to 5 (STOP).	• The mechanism mode switch contact is faulty.	Carries out tape take-up operations, shifts to the INITIAL mode, and the power goes off.

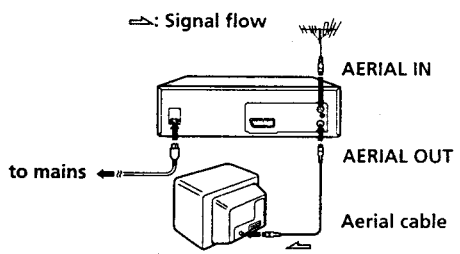
Note: For details of mechanism operations corresponding to the mechanism positions of the self-diagnosis numbers 08 and 09 above, refer to the separate volume on the V95 I mechanism manual.
These manual reference numbers are shown in the cover.

Mechanism Mode Display Contents

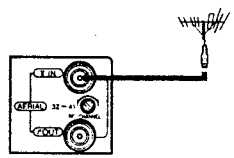
Mode No.	Mechanism Mode	Mode No.	Mechanism Mode	Mode No.	Mechanism Mode
00	CASSETTE OUT	08	PLAY	16	VIDEO INSERT
01	STANDBY	09	REC	17	VIDEO INSERT – PAUSE
02	STOP	10	AUDIO DUBBING	18	AUDIO/VIDEO INSERT
03	STILL	11	X2 SPEED PLAY	19	REVERSE X2 SPEED PLAY
04	REC-PAUSE	12	CUE		
05	AUDIO DUBBING – PAUSE	13	REVIEW		
06	FRAME ADVANCE	14	FAST FORWARD		
07	SLOW	15	REWIND	99	OTHERS

Step 1

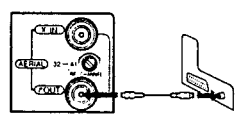
Connecting the VCR



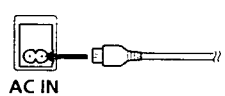
1 Disconnect the aerial cable from your TV and connect it to AERIAL IN on the rear panel of the VCR.



2 Connect AERIAL OUT of the VCR to the aerial input of your TV using the supplied aerial cable.

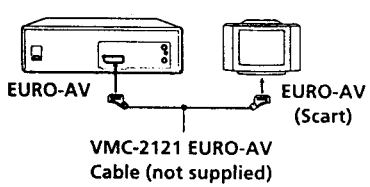


3 Connect AC IN of the VCR to the mains using the supplied mains lead.



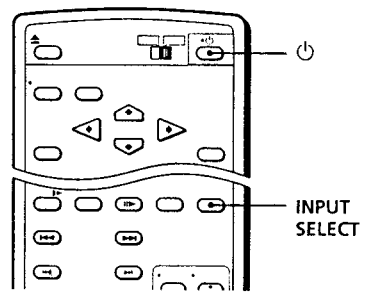
Additional connection

If your TV has a EURO-AV (Scart) connector, connecting the VCR and TV as shown on the right improves picture quality.



Step 2

Tuning the TV to your VCR



If you have connected your VCR to the TV using the EURO-AV cable, skip this step.

1 Press ⏻ (on/standby) to turn on the VCR.

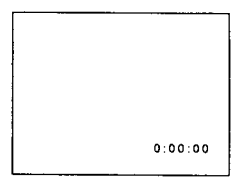
2 INPUT SELECT

Press INPUT SELECT until "AV" appears in the display window.

3 Turn on your TV and select a programme position for video playback.

4 Tune the TV between UHF channels 32 and 41 so that a clear blue screen with tape counter appears on the TV screen.

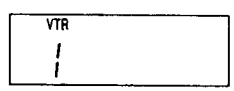
Refer to your TV manual for tuning instructions.



5 INPUT SELECT

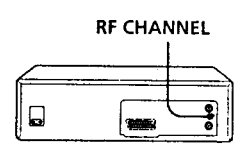
Press INPUT SELECT until "AV" disappears.

A programme position number lights instead.



To obtain a clear blue screen

The blue screen may not appear clearly in step **4** above. In this case, turn the RF CHANNEL screw at the rear of the VCR with the supplied RF screwdriver, to a position where the TV clearly displays a blue screen.

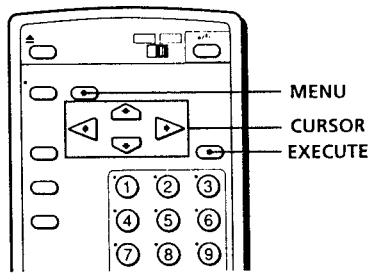


This section is extracted from SLV-E275UX Instruction manual.

Step 3

Selecting a language

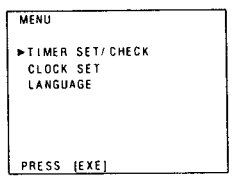
You can select one of ten languages for the on-screen display, using the remote commander. The initial setting is English.



1 MENU

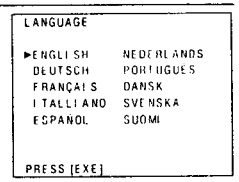
Press MENU.

The following menu appears on the TV screen.



2 CURSOR, EXECUTE

Press CURSOR (↓/↑) to move the cursor (►) to LANGUAGE, then press EXECUTE.



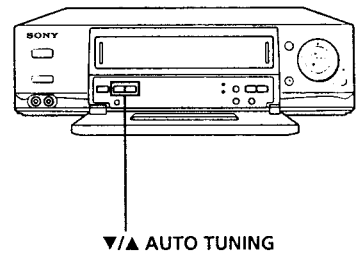
3 CURSOR, EXECUTE

Press CURSOR (↓/↑/←/→) to move the cursor (►) to the desired language, then press EXECUTE.

The menu disappears from the TV screen and the on-screen display is set to your language.

Step 4

Tuning the VCR to TV channels



1

Set the TV to the video channel:

- If the TV is connected to the VCR using only the aerial cable, the TV should already be set to the programme position for the VCR.
- If the TV is connected to the VCR using the EURO-AV cable, set the TV to video input.

2 ▽ △ AUTO FINE TUNING

Open the front panel of the VCR and press AUTO TUNING ▼ and ▲ together for 2 to 3 seconds.

The VCR begins tuning in channels automatically. When all the available channels are tuned in, the channel in programme position 1 is displayed.

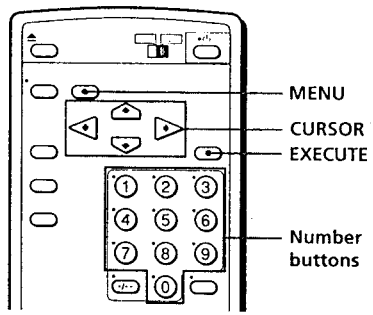
To switch programme positions

If the allocation of TV channels to programme positions does not match those on your TV, switch positions as follows.

1 Open the front panel on the VCR and press TUNER PRESET.
2 Press PROGRAM +/– to select the programme position you want to switch.
3 Press the number buttons on the remote commander to enter the other programme position.
4 Press EXECUTE on the remote commander.
5 Press TUNER PRESET.

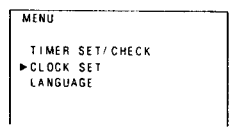
Step 5

Setting the clock



1 MENU / EXECUTE

Press MENU, then select CLOCK SET and press EXECUTE.

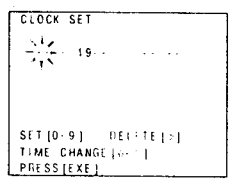


2 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪

Press the number buttons to set today's day, month and year.

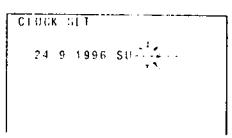
For a single digit number, press the number button 0 before entering the number. The day of the week is set automatically.

If you make a mistake, press CURSOR (←).



3 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪

Press the number buttons to set the hour and minute.



4 EXECUTE

Press EXECUTE to start the clock.

The clock starts running from zero seconds.

To adjust to Summer Time

1 Press MENU, then select CLOCK SET and press EXECUTE.
2 Press CURSOR (↓/↑) to move the time one hour ahead or behind.
3 Press EXECUTE.

1-3

Additional tuning instructions

To improve the picture of a TV channel

1 Open the front panel on the VCR and press TUNER PRESET.
2 Press PROGRAM +/– to select the programme position for which you cannot obtain a clear picture.
3 Press FINE TUNING (▼/▲) to adjust to the clearest picture.
4 Press TUNER PRESET.

To tune in a specific TV channel manually

TV channels with weak signals may not be tuned in automatically. In this case, tune in the channel you want manually.

1 Open the front panel on the VCR and press TUNER PRESET.
2 Press PROGRAM +/– to select the programme position.
3 Press SEARCH. The VCR starts searching for a channel and displays the first one it finds on the TV screen. Press SEARCH repeatedly until the channel you want is displayed.
4 To tune other channels, repeat steps 2 and 3.
5 Press TUNER PRESET.

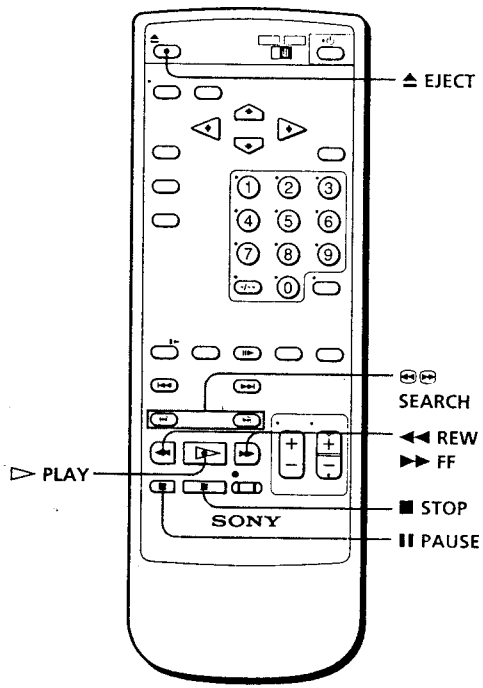
To erase unwanted programme positions

Positions that are erased will be skipped later when you press the PROGRAM +/– buttons.

1 Open the front panel on the VCR and press TUNER PRESET.
2 Press PROGRAM +/– to select the programme position you want to erase.
3 Press ERASE. The indication "S" appears in the display window.
4 To erase other positions, repeat steps 2 and 3.
5 Press TUNER PRESET.

To restore an erased position, press ERASE in step 3 so that "S" disappears.

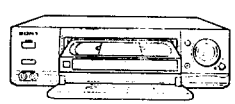
Playing a tape



1 Turn on your TV and set it to the video channel.

2 Open the front panel and insert a tape.

The VCR turns on automatically. The tape starts playing if its safety tab has been removed.



3 PLAY ▷

Press ▷ PLAY.

When the tape reaches the end, it will rewind automatically.

Additional tasks

To	Press
Stop play	■ STOP
Pause play	II PAUSE
Resume play after pause	II PAUSE or ▷ PLAY
Search forward	⏩ SEARCH during playback
Search backward	⏪ SEARCH during playback
Fast-forward the tape	▶▶ FF during stop
Rewind the tape	◀◀ REW during stop
Eject the tape	⏏ EJECT

To use the tape counter

At the point on the tape that you want to find later, press COUNTER RESET. The counter in the display window resets to "0H00M00S." Search for this point afterwards by referring to the counter.

To display the counter on the screen, press DISPLAY.

Tip

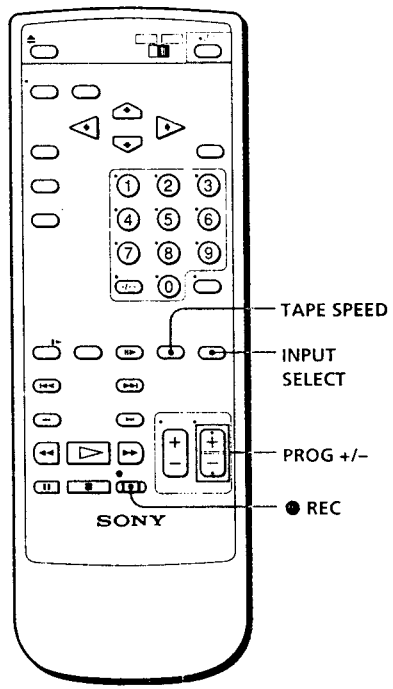
- You can operate a Sony TV with the remote commander just by switching TV/VTR to TV. Buttons marked with a dot (•) double as TV controls.

Notes

- Tapes recorded in the LP mode on other VCRs can be played back on this VCR but noise may appear on the screen.
- The counter resets to "0H00M00S" whenever a tape is reinserted.
- The counter stops counting when it comes to a portion with no recording.
- The counter does not appear on the screen during still mode, slow-motion playback or search.

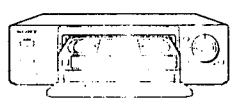
1-4

Recording TV programmes



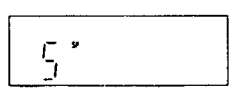
1 Turn on your TV and set it to the video channel.

2 Insert a tape.

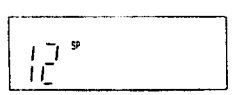


3 INPUT SELECT

Press INPUT SELECT until a programme position appears in the display window.



4 Press PROG +/– to select the programme position you want to record.



5 TAPE SPEED

Press TAPE SPEED to select the tape speed, SP or LP.

LP provides recording time twice as long as SP, however, SP produces better picture quality.

6 ●REC

Press ● REC to start recording.

To stop recording

Press ■ STOP.

To watch another TV programme while recording

1 Press TV/VTR to turn off the VTR indicator in the display window.
2 If the TV is connected to the VCR's EURO-AV input, set the TV to TV input; if not, skip this step.
3 Select another programme position on the TV.

To save a recording

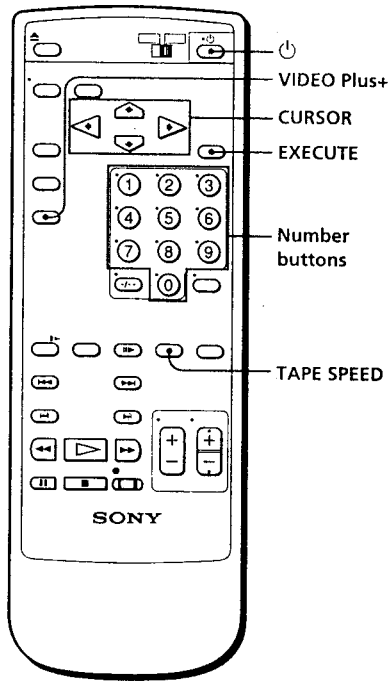
To prevent accidental erasure, break off the safety tab as illustrated. To record on a tape again, cover the tab hole with adhesive tape.

Tips

- To select a programme position, you can use the number buttons on the remote commander. For two-digit numbers, press the -/-- (ten's digit) button followed by the number buttons.
- To record from other equipment connected with a Euro-AV connector, in step 3, press INPUT SELECT to display "AV" in the display window.
- If you don't want to watch TV while recording, you can turn off the TV.

1-5

Recording TV programmes using VIDEO Plus+



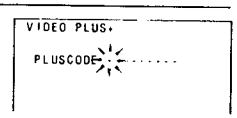
Just enter the programme's "PlusCode" listed in the TV programme guide. The date and times are set automatically. You can preset up to six programmes within a one year time frame.

Before you start

- Turn on your TV and set it to the video channel.
- Insert a tape with its safety tab in place. Make sure the tape is longer than the total recording time.

1 VIDEO Plus+

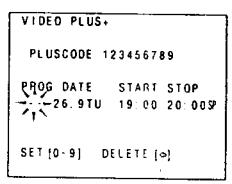
Press VIDEO Plus+.



2 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪

Press the number buttons to enter the programme's PlusCode, then press EXECUTE.

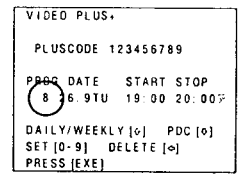
If you make a mistake, press CURSOR (←) and enter the correct number.



3 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪

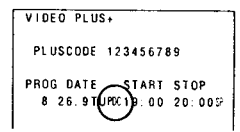
Press the number buttons to set the programme position that corresponds to the TV programme.

- You do not have to set the programme position for the same programme position from the next time.
- If you have changed the preset programme positin, press CURSOR (←) and enter the correct number.



4 CURSOR

Press the CURSOR (↓) buttons to set PDC on or off .

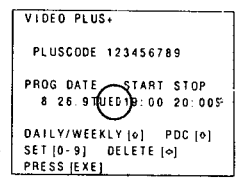


5 CURSOR

Select how often you want to record by pressing CURSOR (↑).

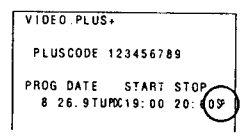
- To record the same programme every day, select ED.
- To record the same programme Monday to Friday, select M-F.
- To record on the same day every week, select WK.

If you want to change the STOP time, press PROG +/– buttons. The digits will increase or decrease by 10 minutes.



6 TAPE SPEED

Press TAPE SPEED to select SP or LP.



7 EXECUTE

Press EXECUTE.

8 •⏻

Press ⏻ to turn off the VCR.

TIMER indicator on the VCR lights up.

continued

Recording TV programmes using VIDEO Plus+ (continued)

To stop recording

Press ■ STOP.

To use the VCR after setting the timer

To use the VCR before a timer recording begins, just press ⏻. The TIMER indicator turns off and the VCR switches on. Remember to press ⏻ to reset the VCR after using the VCR.
You can also do the following tasks while the VCR is recording:
- Reset the counter.
- Display tape information on the TV screen.
- Check the timer settings.
- Watch another TV programme.

To use the VCR connected to the EURO-AV input

In step 3, press INPUT SELECT to display "AV" instead of selecting a programme position.

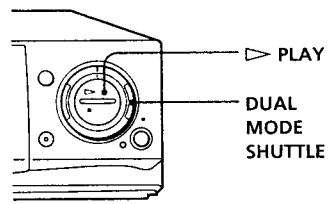
About PDC signals

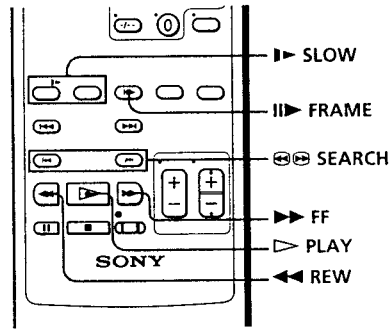
The broadcast system may transmits PDC (Programme Delivery Control) signals with its TV programmes. These signals ensure that your timer recordings are made regardless of broadcast delays, early starts or broadcast interruptions. When setting the timer, make sure to enter the start and stop times exactly as indicated in the TV programme guide, otherwise the PDC function will not work.

Tip
- To cancel the procedure, press VIDEO Plus+ before pressing EXECUTE.

Notes
- When you press VIDEO Plus+, the following menus may appear instead of the VIDEO Plus+ menu:
  - The clock setting menu appears if you need to set the clock.
  - The TIMER SET/CHECK menu appears if you have already set six programmes.
- When recording satellite broadcasts programmes, remember to keep the tuner switched on until the VCR finishes recording.

Playing/searching at various speeds





Tip
- Adjust the picture using the ▼ TRACKING ▲ STILL ADJUST buttons if:
  - Streaks appear while playing in slow motion.
  - The picture shakes while pausing.

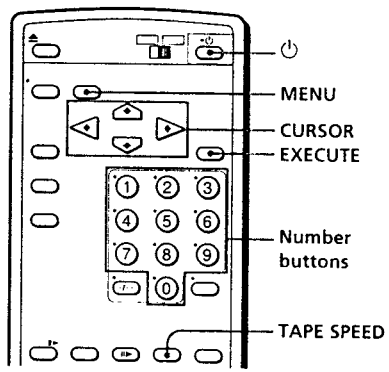
Notes
- The sound is muted during these operations.
- Streaks or snow may appear or there may be no colour during these operations.
- If a picture is played in slow motion for over five minutes, the VCR automatically switches to normal playback.

Playback options	Operation
Play at high speed	During playback or pause: • Press ⏪ SEARCH or ⏩ SEARCH, or • Turn the DMS (DUAL MODE SHUTTLE) ring on the VCR to ⏪ or ⏩. Release the ring to resume playback or pause.
Fast-forward/ rewind	During stop: • Press ►► FF or ◄◄ REW, or • Turn the DMS ring to ◄◄ REW or ►► FF and release.
View the picture during fast-forward or rewind	During fast-forward, turn the DMS ring to ►► FF. During rewind, turn the ring to ◄◄ REW. Release the ring to resume fast-forward or rewind. With the remote commander: • During fast-forward, press ►► FF again. • During rewind, press ◄◄ REW again.
Play in slow motion	During playback or pause, press ▮► SLOW +/–. Press + to increase the speed and – to decrease the speed.
Play frame by frame	During pause, press II► FRAME.

To resume normal playback

Press ▷ PLAY.

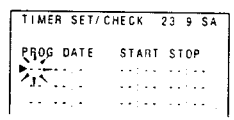
Setting the timer manually



To set the timer manually, follow the instructions below.

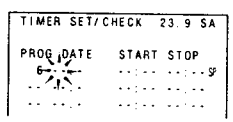
1 Press MENU and select TIMER SET/CHECK.

If the clock needs to be set, the VCR automatically displays the clock setting screen.



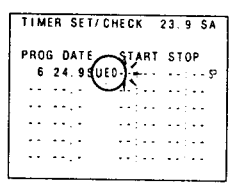
2 Select the programme position by pressing the number buttons.

If you make a mistake, press CURSOR (←) and enter the correct number.

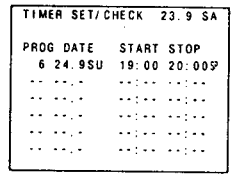


3 Set the date and month to start recording by pressing the number buttons.

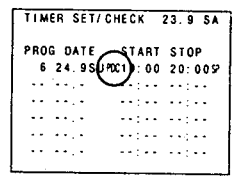
- To record the same programme, press CURSOR (↑) to select ED.
- To record the same programme, Monday to Friday, press CURSOR (↑) to select M-F.
- To record on the same day every week, press CURSOR (↑) to select WK.



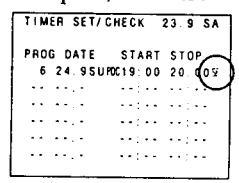
4 Set the times to start and stop recording by pressing the number buttons.



5 Press CURSOR (↓) to set PDC on or off.

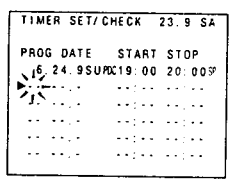


6 Press TAPE SPEED to select the speed, SP or LP.



7 Press EXECUTE.

The cursor (▶) reappears at the top of the next line. To set another timer setting, repeat steps 2 to 7.



8 Press MENU to return to the normal screen, and then press ⏻ to turn off the VCR.

The TIMER indicator on the VCR lights up and the VCR stands by for recording.

Tips

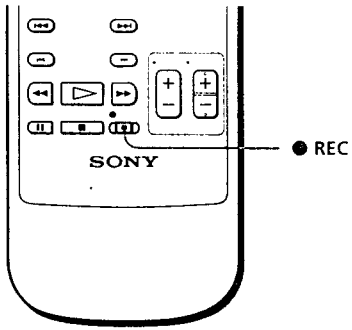
- For a single digit number, press the 0 button before entering the number.
- To record from other equipment connected with a EURO-AV connector, in step 2, press INPUT SELECT to display "AV" in the "PROG" position.

Notes

- When the tape reaches the end during recording, recording stops and the VCR turns off.
- The TIMER indicator on the VCR flashes in the following cases:
  - When you press ⏻ with no tape inserted.
  - When you use the VCR up to five minutes before timer recording starts.

1-8

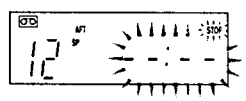
Recording TV programmes using the quick timer



After starting recording in the normal way, you can have the VCR stop recording automatically after a specified duration.

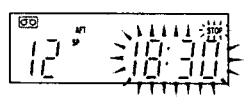
1 While recording, press ● REC twice.

"STOP - - - -" flashes.



2 Press ● REC repeatedly to set the duration.

Each press advances the time in increments of 30 minutes.



To check or extend the duration

Press ● REC once. The duration is displayed for 10 seconds. If you want to extend the time, press ● REC within the 10 seconds to set to the new duration.

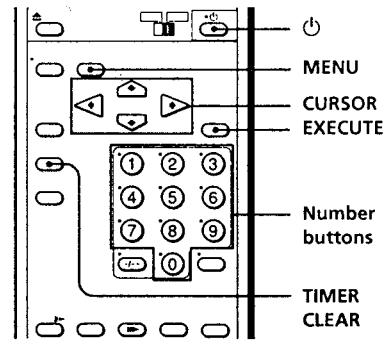
To stop recording

Press ■ STOP.

Notes

- You cannot cancel the timer setting which has already started recording.
- If the programme with PDC overlaps other programmes without PDC, the programme with PDC has priority. Other programmes will be cut off.

Checking/ cancelling timer settings



1 Press ⏻ to turn on the VCR.

2 Press MENU and select TIMER SET/CHECK:

- If you want to cancel a setting, go to the next step.
- If you want to check a setting and do not need to cancel it, press MENU, then press ⏻ to return to recording standby.

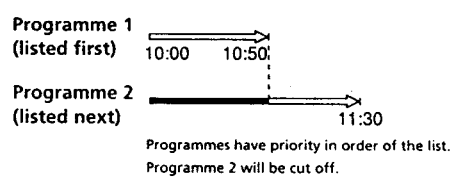
3 Press the CURSOR (↑/↓) buttons to select the setting you want to cancel, then press TIMER CLEAR.

4 Press MENU.

If any settings remain, press ⏻ to return to recording standby.

When the timer settings overlap

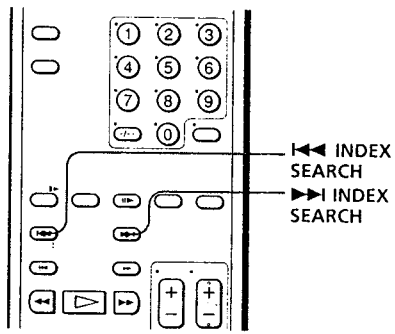
The VCR will not record overlapping programmes. If any of your settings overlap, change them.



Programmes have priority in order of the list.
Programme 2 will be cut off.

1-9

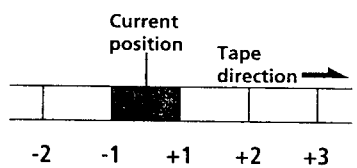
Searching using the index function



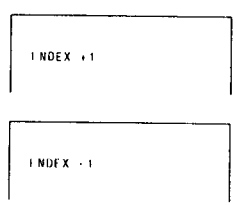
The VCR marks the tape with index signals every time you start to record to help you search for a recording later on.

Press ▶▶I INDEX SEARCH to search ahead or I◀◀ INDEX SEARCH to search backwards during playback or stop.

By pressing ▶▶I INDEX SEARCH or I◀◀ INDEX SEARCH repeatedly, you can specify how many index signals ahead or behind the specific index signal is from the current position.



Each time an index signal is detected, the index number decreases by 1. When it reaches "INDEX +1 (or –1)", playback starts automatically.



To stop index search

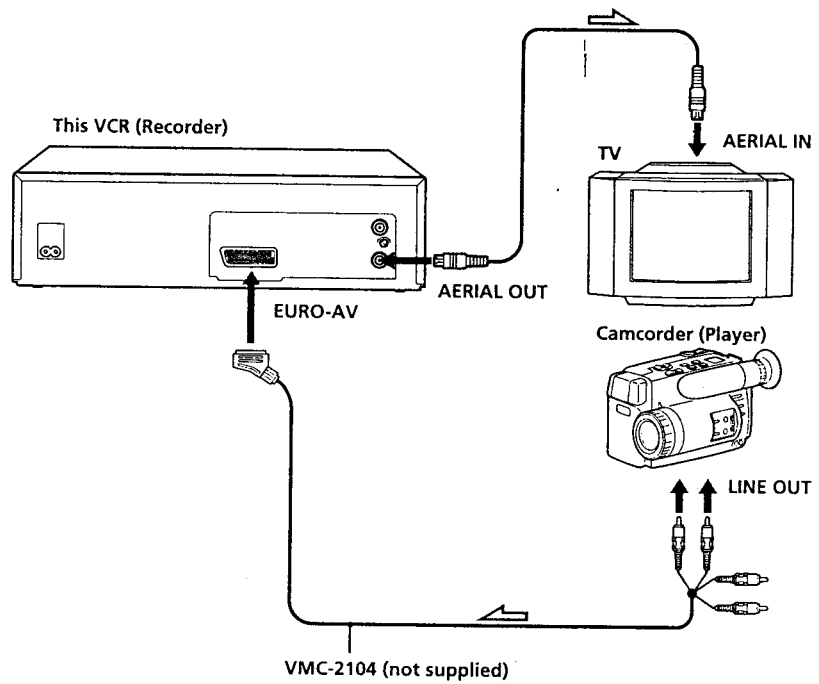
Press ■ STOP.

Tip

- The VCR can search up to 99 index signals ahead or behind the current position.

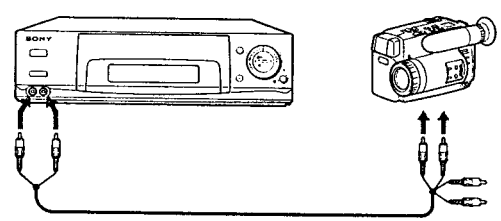
Editing with another VCR

How to hook up to record on this VCR



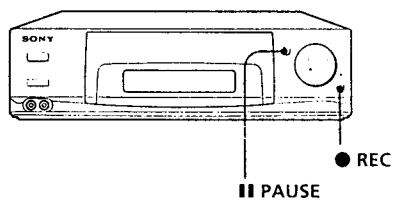
:Signal flow

You can also connect to the jacks on the front panel.



continued

Operation when recording on this VCR



Before you start editing

- Press INPUT SELECT to display "AV" in the display window.
- When this VCR is connected to the line in jack on the front panel, "L" is displayed in the display window.
- Press TAPE SPEED to select the recording tape speed (SP or LP).

1 Insert a source tape into the other (playback) VCR. Search for the point to start playback and set to playback pause.

2 Insert a tape into this (recording) VCR. Search for the point to start recording and press II PAUSE.

3 Press ● REC on this VCR and set it to recording pause.

4 To start editing, press the II PAUSE buttons on both VCRs and release pause.

To stop editing

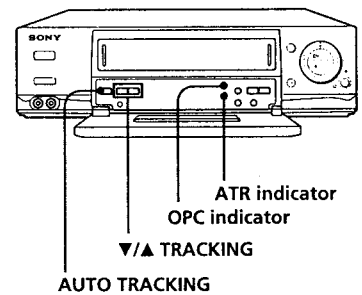
Press the STOP buttons on both VCRs.

Tips

- To edit more precisely, use the II PAUSE buttons on the VCRs to release pause and start editing.
- To cut out unwanted scenes, press II PAUSE on this VCR when an unwanted scene begins. When it ends, press II PAUSE again to resume recording (Assemble Editing).

1-11

Adjusting the picture



Adjusting the tracking

Although the VCR automatically adjusts the tracking when playing a tape, distortion may occur if the tape was recorded in poor condition. If so, manually adjust the tracking.

Press the ▼/▲ TRACKING buttons to adjust to the clearest picture. If you cannot get a clear picture manually, press the AUTO TRACKING button to return to automatic adjustment. In this case, the ATR indicator flashes.

About "Trilogic" Optimum Picture Control (OPC)

"Trilogic" Optimum Picture Control (OPC) automatically improves recording and playback quality by adjusting the VCR to the condition of the video heads and tape.

"Trilogic" OPC playback

The "Trilogic" OPC function automatically works on all types of tapes, including rental tapes and tapes that were not recorded with "Trilogic" OPC.

"Trilogic" OPC recording

Whenever you insert a tape and first start recording, the VCR adjusts to the tape using the "Trilogic" OPC function (the "Trilogic" OPC indicator on the VCR flashes rapidly). This adjustment is retained until the tape is ejected.

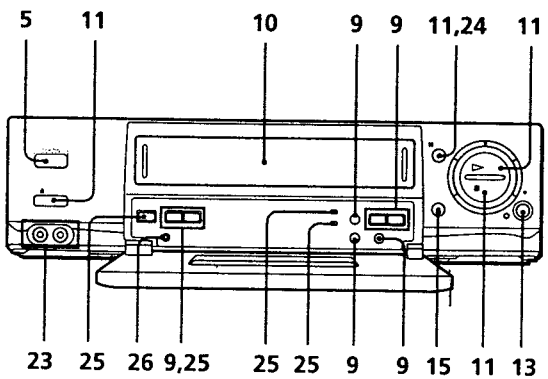
Note

- There is a delay of a few seconds before the VCR actually starts recording while the VCR analyses the tape.

Visual index

Refer to pages indicated for details.

Front panel



Display window